

**DECLARATION AND POWER OF ATTORNEY FOR  
PATENT APPLICATION**

As below named inventors, we hereby declare that:

Our residences, post office addresses and citizenship are as stated below next to our names;

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF ASSAYING DOWNHOLE  
OCCURRENCES AND CONDITIONS**

the specification of which: (check one)

\_\_\_\_\_ is attached hereto.

XXX was filed on March 26, 1998  
under Attorney's Docket Number 5528.322  
as Application Serial No. 09/048,360  
and was amended on \_\_\_\_\_ (if applicable).

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR 1.56.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**POWER OF ATTORNEY:** As named inventors, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Jeffrey M. Becker	Reg. No. 35,442
James R. Bell	Reg. No. 26,528
Michael S. Bush	Reg. No. 31,745
Randall E. Colson	Reg. No. 40,566
Jubin Dana	Reg. No. 41,400
Timothy Headley	Reg. No. 31,765
Rita M. Irani	Reg. No. 31,028
Warren B. Kice	Reg. No. 22,732

Michael Balconi-Lamica	Reg. No. 34,291
Elizabeth W. Layman	Reg. No. 36,854
David L. McCombs	Reg. No. 32,271
David M. O'Dell	Reg. No. 42,044
William R. Peoples	Reg. No. 25,906
Phillip B. Philbin	Reg. No. 35,979
Brandi W. Sarfatis	Reg. No. 37,713

Send correspondence to David L. McCombs, Haynes and Boone, L.L.P., 3100 NationsBank Plaza, 901 Main Street, Dallas, Texas 75202-3789 and direct all telephone calls to David L. McCombs at 214/651-5533.

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FULL NAME OF INVENTOR: William A. Goldman

INVENTOR'S SIGNATURE: William A. Goldman

DATED: June 18, 1998

RESIDENCE: 14230 Wunderlich Road #160, Houston, Texas 77069

CITIZENSHIP: United States of America

POST OFFICE ADDRESS: 14230 Wunderlich Road #160, Houston, Texas 77069

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FULL NAME OF INVENTOR: Lee Morgan Smith

INVENTOR'S SIGNATURE: Lee Morgan Smith

DATED: June 18, 1998

RESIDENCE: 1000 Campbell Road, Suite 208-665, Houston, Texas 77055

CITIZENSHIP: United States of America

POST OFFICE ADDRESS: 1000 Campbell Road, Suite 208-665, Houston, Texas 77055

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a-65615.1 / 5528.322

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: William A. Goldman and Lee Morgan Smith  
Serial No.: 10/133,078  
Date Filed: April 26, 2002  
Examiner: Unknown  
Group Art Unit: 2123  
Title: *Method of Assaying Downhole Occurrences and Conditions*

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

REVOCATION OF ATTORNEY AND APPOINTMENT  
OF NEW ATTORNEYS FOR NON-PROVISIONAL APPLICATION,  
WITH CERTIFICATE UNDER 37 CFR 3.73(b)

Halliburton Energy Services, Inc., a Delaware corporation, certifies that it is the assignee in the patent application identified above by virtue of a chain of title from the inventors of the patent application identified above, to the current assignee as shown below:

From: Dresser Industries, Inc.

To: Halliburton Energy Services, Inc.

Attached hereto is a copy of the Assignment

I, William E. Shull, Vice President & Chief Patent Counsel, of Halliburton Energy Services, Inc., a Delaware Corporation, am empowered to sign this certificate on behalf of the assignee.

I hereby revoke all prior powers of attorney in the subject application and appoint the following as principal attorneys with full power to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

I hereby appoint:

Practitioners at Customer Number 31625

all of the firm of Baker Botts L.L.P., my attorneys and/or agents with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities.

Send Correspondence To:

Baker Botts L.L.P.  
98 San Jacinto Blvd.  
1500 San Jacinto Center  
Austin, Texas 78701  
At the above Customer Number

Direct Telephone Calls To:

Thomas R. Felger  
at 512.322.2599  
Attorney Docket 063718.0237

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

HALLIBURTON ENERGY SERVICES, INC.

By:

\_\_\_\_\_  
William E. Shull  
Vice President & Chief Patent Counsel

Date:

\_\_\_\_\_